WESTON

M''A ''S   ''ESIGNERS CONSULTANTS

215 UNION BOULEVARD SUITE 550
LAKEWOOD CO 80228 1842
303 980 6800 FAX 303 980 1622

13 April 1993

Ms Cindy Gee
EG&G Rocky Flats Inc
P O Box 464
Golden, Colorado 80402 0464

Subject   Meeting to Resolve Analytical Data Issues for the OU1 RFI/RI
            and Risk Assessment Reports
            Roy F Weston Inc (WESTON) Work Order No   2029 074 001

Dear Ms Gee

Attached are the minutes of the meeting held Thursday 8 April 1993 to address specific
database issues that must be resolved in order to proceed with the data evaluation for the
Final OU1 RFI/RI Report These minutes have been prepared and are being submitted
in accordance with the requirements detailed in the EG&G Solicitation ASC236641MG

Please do not hesitate to call if you have any questions or comments

Sincerely

ROY F WESTON INC

Janell B Bergman, P G CPG
Project Manager

Michael A. Anderson, Ph D   P E
Project Director

cc   M D Gibson (EG&G)
       Project File (2029 74 01)

eg&g\letters\gee0413 mm

ADMIN RECORD

DATA SET MEETING MINUTES
REVISION OF THE PHASE III DRAFT RFI/RI REPORT
EG&G OPERABLE UNIT NUMBER 1 ROCKY FLATS PLANT
HELD 8 APRIL 1993

Meeting Attendees

Kelly O Neill (EG&G)
Mark Nielsen (EG&G)
Karen Schoendaller (EG&G)
Linda Scovel (EG&G)
Michael A. Anderson (WESTON)
Janell B Bergman (WESTON)
Ken Napp (WESTON)
Leslie Frazier (WESTON)
Betty Freeman (WESTON)

Items Discussed

Question
What should be used for a counting uncertainty value for a RAD parameter when a revised value has been determined during the validation process?

Answer
Karen Schoendaller indicated that the uncertainty value associated with the non revised value can be used when the revised value and the non revised value differ by less than 10 percent Karen has been provided with a list of those cases where the difference is greater than 10% and is in the process of making determinations based on validation reason codes laboratory etc Thus far she has indicated that the original uncertainty value can be used when the laboratory is Teledyne (TELI) even though the values vary by more than 10%

Question
Does a U in the qualifier field mean that a radiochemistry isotope is not detected?

Answer
Mark Nielsen and Karen Schoendaller indicated that the answer to this is yes

Question
What is the criteria used for determining a non-detect for a radiochemistry parameter? Are the values of the result, the uncertainty and the detection limit (mda) used in making this assessment?

Answer
Determination of a RAD non-detect is made by the laboratory Generally a non detect will have a value which is the same or less than the MDA. Where this does not appear to be the case Mark Nielsen indicated that the policy has been that a qualifier takes precedence over a detection limit

Question
What is the detection limit used for organics and metals? IDL, CRDL ?

Answer
Mark Nielsen indicated that the detection limits in RFEDS have not been standardized. They may be IDLs CRDLs MDLs etc

Question
If a unit is reported as % in the organics and metals files but the sample is marked as REAL and TRG can we assume that it is a spike or surrogate?

Answer
Mark Nielsen indicated that the answer to this is yes

Question
If a record shows a value in the VRESULT field but there is no validation code can we assume that the data has been validated and given a rating of V or A ?

Answer
Linda Scovel indicated that the data has been validated but the validation code is unknown

Duplicate Data

For the purpose of the discussion duplicates were defined as having the following things in common
        Media
        Location
        Sample ID
        Sample Date
        Field Type
        Lab Type
        Analytical Group
        Parameter

Potential sources and solutions for elimination of duplicate data were identified as follows

        Source Stations listed for OU1 twice so data pulled from RFEDS twice

        Solution Records have the same RFEDS ID Simply eliminate one from the dataset

        Source Data sent from the lab and loaded then data sent from validators and loaded again
        Solution Eliminate the non validated record

        Source Data was loaded into RFEDS from WESTON database and from EDD sent to EG&G by lab

Solution   Take value loaded directly from lab or validator s edd into RFEDS (WESTON data has different analytical group code)

Source   Lab reruns lab replicates lab dilutions incorrectly marked by labs as REAL / TRG

Solutions

      RAD data   Karen Schoendaller will make call
      Non Rad data Values same   Pick one
      Non Rad data. Values different Validation status same   Average
      Non Rad data. Values different Validation status different Call may have to be made by Quantalex or other informed personnel

Miscellaneous

      It was indicated by Mark Neilsen that the OU1 RFEDS data has changed substantially since we were given the original download   He did not specify the reason for the changes but recommended we get the latest version Karen Schoendaller indicated that rad data with lab codes of AEB and CEP' has been rejected Marked said they would put qualifiers in RFEDS and resubmit the data to WESTON   This is all apparently underway